

**A SYSTEM AND METHOD FOR AUTONOMIC PERFORMANCE ENHANCEMENT
OF STORAGE MEDIA OPERATIONS**

ABSTRACT

5 A method, an apparatus, and a computer program are provided for improving the performance of a disk drive. Due to the problem of file fragmentation that occurs with multiple, writes, deletes, and rewrites, the performance of a storage drive can be drastically affected. Typically, the performance is as a result of increased access times to
10 files. To alleviate the problem, a method, an apparatus, and a computer program are provided to track file fragmentations and actively defragment storage drives when the computer system using the drive is idle. Thus, the
15 drive performance is maintained without lengthy engagement of defragmentation programs initiated by user.